

MILKING R DAIRY RUNOFF CHEMICAL TREATMENT



Aerial View – Milking R Dairy Treatment System

Site:	Milking R Dairy, Okeechobee, FL
Project Description:	As one of the thirteen state-funded projects under the Phosphorus Source Control Grant Program, this project provides for the reduction of P through the optimization of an existing chemical treatment system on the property. Runoff water from the high intensity area on site is conveyed to a rapid mixing basin, where Aluminum Sulfate (Alum) is injected to promote flocculation and settling. The treated water is allowed to discharge to a primary retention/settling area and then over a spreader berm to a secondary retention/settling area, where settling and vegetative uptake are the main P removal mechanisms.
Performance:	Estimated annual P load reduction from this project is 0.37 M Tons.
Funding:	\$63,100 (State Appropriation).
Landowner Cost-Share:	75% (Land, Equipment, Chemicals, O & M).
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